

6th floor HBLL
Sunday Reg.

Suspect sought in double murder

By PAUL FARMER
Staff Writer

A warrant was issued Wednesday afternoon for the arrest of a Utah County man who "lived out of his car in the woods" in connection with the murders of his sister-in-law and 15-month-old niece, both of American Fork. Ronald Watson Lafferty, 42, is being sought for the slayings of Brenda Wright Lafferty, 24, and her daughter, Erika Lane Lafferty, both of 832 E. 500 South, also being sought are Dan Charles Lafferty, Ronald Lafferty's brother, and two other men.

The victims were found in their home Tuesday at approximately 7:55 p.m. by Allen Patrick Lafferty, who had

returned from work in Ogden. He was husband and father of the victims and brother of the man charged with their murders.

Mrs. Lafferty was a former BYU student and served as co-anchor of the KBYU nightly news broadcast three years ago, according to Tom Griffiths, director of broadcast services.

"She was one of the best students in our program," Griffiths said.

According to Lt. David Cowden of the American Fork Police, "Ronald Lafferty is to be considered armed and dangerous and is believed to be in the company of another brother, Dan Charles Lafferty, and two unidentified

men." All are reported to have bards.

Four men were seen leaving the scene at about the time police believe the murders were committed, said Cowden. Police are looking for a pale green 1974 Chevrolet Impala station wagon with simulated brown woodgrain siding.

The car bore Utah license plates numbered NTE 3571. Neighbors identified a car fitting this description leaving the Lafferty home Tuesday afternoon, police said.

According to neighbors, a commotion in the Lafferty household was overheard at approximately 3 p.m. Tuesday.

Each victim suffered "one obvious cutting wound," said Cowden, caused by a "sharp instrument" which has not

been identified. He added that both bodies were clothed and that there was no indication of sexual assault.

Further information will be available after autopsies have been performed, he said.

According to Randy Johnson, American Fork chief of police, there were indications of a struggle. He would not say in which room of the house the murders had taken place, but the victim's husband reportedly found his wife dead in the kitchen and the child dead in her crib.

Johnson refused to comment on reports that the motive for the murders may have been connected to the religious beliefs of the family.

THE SUN

in news tips to 378-3630; other calls 378-2957

Brigham Young University

Provo, Utah

Vol. 37 No. 173

Thursday, July 26, 1984



'Hey Vern, just look at your ol' buddy

Ernest, the overly-friendly neighbor who has appeared in numerous commercials in Utah, waves to his fans during the Days of '47 parade Tuesday in Salt Lake City.

The parade is among the largest in the nation, and was one of the most popular events during the state's Pioneer Day celebration.

Reagan lambasts Democratic rivals

AUSTIN, Texas (UPI) — President Reagan, accusing his rivals of being obsessed with "doom and envy," said Wednesday the nomination of Walter Mondale and Geraldine Ferraro pushed the Democrats "so far left they've left America."

"Don't let them bury the American dream in their graveyard of doom and envy," Reagan said, prompting a thunderous roar of "no" from an estimated 20,000 to 30,000 persons at a dusty park, where temperatures hit 100 degrees.

Democrats seek "endless tax increases, deeper dependency, planned protectionism, certain sacrifices and veiled promises," Reagan said in kicking off a three-state campaign swing that includes stops in Georgia and New Jersey.

"This election," he said, "offers the clearest, sharpest, more in choice in modern times: greater freedom or coercion."

With his eye on the Lone Star State's 29 electoral votes — more than one-tenth the number needed for victory — Reagan teamed up with Vice President George Bush in a bid to drive an ideological wedge between conservative Southern Democrats and the Mondale-Ferraro ticket.

In blunt language unleashed less than 24 hours after his pledge to run on a positive note, Reagan — once a liberal Democrat himself — claimed Democrats "gave Texas the back of their hand" at their national convention. He was alluding to Mondale's choice of Ferraro over Sen. Lloyd Bentsen.

Provo mayor puts hold on licensing ordinance

By BRAD J. NEILSEN
Staff Writer

Mayor James Ferguson has issued a 30-day moratorium on a new licensing ordinance approved by the city council that would dramatically increase licensing fees for many businesses.

For the first time, the new ordinance would also require professionals such as doctors, lawyers and dentists to pay a business licensing fee to the city based on .01 percent of gross receipts. Minimum annual fees would be \$20 and maximum would be \$500.

Ferguson said he issued the moratorium because the city had "become aware of numerous concerns in the business community regarding the implications of the ordinance," and that "the council has determined that an additional review of the fee structure would be appropriate."

The ordinance, which has met with considerable opposition from city businessmen and professionals, would apply for the first time to all those involved in "the manufacturing of goods or property and the rendering of services to others for a consideration," as well as "persons engaged in trades and crafts."

Some of those included in the licensing structure for the first time would include plumbers, carpenters, welders, accountants, contractors, real estate agents and individuals who operate home-based businesses such as genealogical or typing services.

Nevin Limburg, executive vice president of the Provo Chamber of Commerce, has said that many local businesses object to what they perceive as a fundamental shift in the licensing fee from that of a nominal fee to a graduated tax.

"Most businesses feel that, with few exceptions, the licensing fees should only cover the cost of licensing procedures. The new licensing ordinance smacks more of a revenue-producing tax," said

Limburg.

He cited a Provo-based welding and supply business that has been paying a \$5 annual license fee for the past 40 years. Under the new license structure the annual fee for the business would jump to \$500.

However, Limburg said he feels the differences concerning the new ordinance can be successfully resolved.

"We are working amicably with the city council toward a cooperative action and do not think that it will come to a confrontation," he said.

City Attorney Richard Dalebout, who actually drafted the new ordinance, said the city recommended him to the city council to help create an ordinance which satisfies all the parties involved, he said.

"We used Orem's business licensing structure as a starting point. I was asked to draft something similar to their law. However, what we ended up with was something quite a bit different," said Dalebout.

He said the basic formula behind the new Provo ordinance is the same as in previous years.

"The gross receipt system has been with the city since prior to 1949. However, the new ordinance would extend to all those who are considered engaged in business for profit," said Dalebout.

Councilman Keith Roos, chairman of the City Finance Committee, said he feels a new licensing structure for the city has been needed "for quite some time." The difficulty lies in being able to create an ordinance which satisfies all the parties involved, he said.

"It's difficult to try and come up with a licensing structure which is fair to all the different groups that do business in the city," he added.

Roos said he will be meeting with Ferguson and Dalebout today to discuss problems and possible alternatives to the ordinance.

House approves prayer bill; sent to Reagan for signature

WASHINGTON (UPI) — The House Wednesday passed and sent to President Reagan a measure to let high school students hold prayer meetings in classrooms after hours, rejecting charges that would make public schools recruiting funds for religious cults.

The so-called equal access provision, H.R. 337-77, was attached to a bill providing almost \$1 billion over two years to beef up mathematics and science instruction. With a two-thirds majority vote needed for passage, the bill was approved, 315-15.

The prayer meeting provision allows students to meet before or after school for religious discussion, but not during school hours.

It prohibits outside speakers from coming into the meetings unless invited by students. Nevertheless, opponents charged the measure would allow schools to be invaded by religious cults.

Rep. Don Edwards, D-Calif., predicted schools would be "inundated by requests by various types of cults and so-called religious groups . . . demanding to use school property."

"Just because a student must initiate the request is not going to hinder many cults, whose aggressive proselytizing of students is one of their traits," he said.

The equal access bill has the support of Reagan and religious groups that lobbied for a constitutional amendment allowing prayers in schools. That proposed amendment was rejected by the Senate on March 20 after weeks of heated debate.

The House on June 23 rejected a tougher form of the equal access provision that would have cut off federal funds to schools that did not allow the prayer meetings.

The milder form of the measure, approved by the Senate last month, does not prescribe penalties for failing to comply and would not restrict the funds.

Republican candidates seek primary victory

Marriott hopes Snow will boost ticket popularity

Bangerter hopes primary votes reflect convention

Editor's Note: This is the second in a two-part series about Utah's gubernatorial candidates.

By STEVE GARDNER
Senior Reporter

Dan Marriott, Utah's senior congressman from the 2nd Congressional district, will have to rebound from a second-place finish in the Republican primary's convention to win the gubernatorial nomination and face the Democratic candidate in November.

Karl Snow's addition to the Marriott ticket may provide Marriott with a boost in the August primary, now finished in third place in the republican convention for the gubernatorial spot.

Marriott first entered the political arena by defeating Allan Howe in 1976 for the congressional seat in the 1st District.

In the 1982 congressional election Marriott defeated Frances Farley, who will face David Monson or Lee Shearer in this year's congressional race.

Crime control does not take a back seat in the Marriott campaign. He led in the Republican convention he would support capital punishment for kidnapping and other heinous crimes.

Safest place

"Utah must be the safest place in the nation to live. . . . We must push for certainty of conviction, flexible sentencing and a better program of work and restitution for those whose offenses are not as serious, in order to have alternatives to institutional life."

During the convention he said criminals should be fixing roads and doing other things to repay their debt to the people.

Marriott proposes emphasizing prevention of crime by attacking root causes. "Helping children feel good about themselves and helping them gain an attitude for success and accomplishment will reduce the crime

he calls "the basics" in educational reform.

He said children must achieve competency in math, science, English, languages, computer science, history, American problems and economics.

He proposes a comprehensive competency exam before graduation for junior and senior high school students.

Marriott also says the state should expand the opportunities in vocational education, especially in high-tech areas.

He proposes reducing class size in schools, primarily at the kindergarten through ninth grade and in the upper grades as funds allow.

State's schools

He says the state's schools should make more use of teaching assistants, para-professionals and technology to relieve professional teachers of many of the details of teaching. He says this will give the teachers more time to do one-on-one work with the students.

Marriott also proposes programs to remove disruptive students from the classroom, placing them in special classes until they and their parents commit to reform.

"Teachers should not be required to act as babysitters, disciplinarians or transient officers," he said.

Marriott said raising the salaries and the standards of teachers would enhance the teaching profession. He proposes finding a way to replace below-standard teachers.

Marriott's opposition to increased taxation is strong. He said, "I am against raising taxes and have consistently voted against them and to establish a flat 10 percent federal income tax rate."

Marriott proposes simplifying the property tax, which he said would make it more equitable.

"I favor tax incentives to encourage

Continued on page 2

By STEVE GARDNER
Senior Reporter

Norm Bangerter, Utah's speaker of the house, hopes convention voting is an indication of how he'll do in August's primary.

Even though he won the gubernatorial nomination by a large margin at the state Republican convention, his opponent Dan Marriott picked Karl Snow to be his running mate. The Marriott-Snow combination gained more delegate votes than Bangerter.

In 1974 Bangerter was elected to the Utah House of Representatives. In 1977 and 1979 he was Assistant Majority Whip and has been Speaker of the House since 1981.

Bangerter has received endorsements from at least 50 of the 58 Republican House members and 12 of the 24 GOP state senators.

He was selected by the national Republican Party as one of the 10 best legislators in 1983, and also received a commendation from President Reagan for legislative leadership.

In all of Bangerter's statements on issues, he uses his legislative voting experience to support his stands.

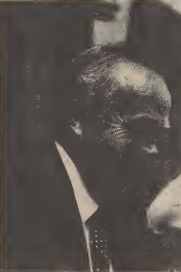
Tax credits

According to his issues paper, Bangerter has worked to provide tax credits to help existing Utah industries to modernize.

Bangerter plans to provide education incentives to potentially incoming businesses. "We hope we can need this training then we'll provide the program," he said.

He says he knows how government can help or hinder business growth. "To Utah — which is projected to be the second fastest growing state in the nation by the year 2000 — economic growth is not a nicety, it's a necessity," he said.

On taxes, Bangerter has two rules to shape his position. First of all,



NORM BANGERTER

Bangerter says: "Utah doesn't have unlimited financial resources. Neither do our taxpayers."

He reports Utah's taxes as a percentage of income are the 12th highest in the nation and Utah's taxes per household are higher than 32 other states. "There isn't room for significant Utah tax increases," he said.

His second rule is, "What the state needs and what it can afford are not always the same thing." Bangerter says state budgets need to be stretched and carefully managed.

Not opposed

He is not completely opposed to increased taxation, but sees it as something to avoid.

Bangerter supports capital punishment and "rigorous enforcement" against violent criminals and drunk drivers.

According to his issues paper, Bangerter supported a law preventing criminals from benefiting financially from books, movies or other interest in their crimes.

He also supports constitutional revisions aimed at reducing the caseloads of Utah courts and the number of times an accused criminal can appeal to the Utah Supreme Court.

Bangerter also supported statutes to "add teeth" to Utah's drunk driving laws.

On education Bangerter says Utah is a state of educational ironies. "It spends more of its income on education than any other state and spends less per student than all but two states," according to Bangerter.

"Of course, most of the other candidates say they'll raise revenues with the economic development and expanding the base, and that's correct. For the short range, if the economy holds out the same way it has the last six months, it will create the necessary revenues to meet that challenge."

Bangerter proposes changing Utah's school system to make it more efficient and more rewarding for educators.

He supports a review of the state's educational priorities to keep them in line with the state's fiscal capabilities.

He also backs a raise for Utah's teachers.

Bangerter supported a 1984 education package containing \$97 million designed to provide improvement including higher teacher salaries, smaller class sizes and better productivity.

Higher education

Increased funding for Utah's higher education facilities, a salary equity package aimed at keeping good instructors at Utah's colleges and universities, and support for Utah's technical colleges were ideas endorsed by Bangerter.

Bangerter has taken a visible stand on water control. "Utah's water development projects are important not just to prevent more flooding, but because our economic and agricultural

Continued on page 2



Dr. Roland Robins, director of BYU's Cancer Research Center, studies a molecule model. No credit years of experience and break-throughs behind him, Robins is a leader in cancer research.

Cancer researcher hopes to find cure

By JULIE ANN DOCKSTADER
Senior Reporter

"The cure for cancer" has become a well-known term to a people hoping for some miracle drug or operation to stop the effects of the disease. But cancer research is a complicated process involving scientists from many disciplines.

Dr. Roland K. Robins, director of BYU's Cancer Research Center, is one scientist who has made considerable headway. With years of experience, he has been involved in the study of chemical compounds and the synthesis of various promising anti-cancer and anti-viral drugs.

According to a 1983 release from BYU Public Communications, Robins synthesized an anti-viral drug agent called ribavirin, which Fortune magazine, in 1982, called "the most promising therapeutic drug to have emerged from the laboratory in the battle against viruses."

Robins said Virazole, ribavirin's trade name, "has been successfully used to treat respiratory syncytial virus in children, and those studies are on-going."

Ribavirin also has anti-tumor possibilities, said Robins, as the drug can jam a cell's reproductive system, thereby stopping the virus from replicating.

"If the virus stops replicating, it stops changing the normal cell into a cancer," said Robins.

In 1976, 3-Deazauridine, a drug candidate for the chemotherapy of breast cancer, was synthesized by

Robins. It will soon be tested on humans. This drug, which is structurally similar to ribavirin, "is an anti-tumor agent for solid tumors . . . and its goal is to inhibit breast tumors," said Robins.

He believes its chances for success are good because it works on animal tumors which are mammary-type tumors.

A nucleoside synthesized by Robins was shown in 1969 to be effective against leukemia in animals.

The drug, 3-Deazauridine, is being studied in the second phase of clinical studies and seems to be doing best with leukemia, Robins said. This phase is where the drug's evaluation on different types of tumors is done.

But Robins explained that since 3-Deazauridine can enter the brain, it may be effective on malignant brain melanoma, a type of brain tumor.

Robins receives grants to help with this and other research presently under way. He receives about \$850,000 per year for his particular work from various institutions.

Concerning the search for the cure for cancer, Robins said, "I think we have an approach in several directions that is making good headway."

"The public in general sometimes thinks a compound is going to be the cure for cancer," he said.

"It will involve a lot of different types of compounds or treatments to effectively control the various different types of tumors," Robins added.

Huberty's widow plans to sell story rights

SAN DIEGO (UPI) — The widow of mass murderer James Oliver Huberty said Wednesday she will sell the rights to her story of life with the mad gunman who killed 21 people in a McDonald's restaurant to the highest bidder.

Etna Huberty said she was anxious about the future for herself and her two daughters, Cassandra, 10, and Zella, 14. Mrs. Huberty told A San Diego television station, "I'm going to need money. I got to thinking, 'Why be stupid?' To give it away is dumb."

"She will sell her story to a competent agency that will protect her rights," a friend, Ann Ruiz, added in a letter published in the San Diego Union on Wednesday.

The letter said an offer to top all bids for an exclusive interview had been made by The National Enquirer.

One week ago Wednesday, Huberty, 41, an unemployed security guard, walked into a McDonald's restaurant a half block from his San Ysidro apartment and shot to death 21 people and wounded 19 others before being dropped by a police sharpshooter. It was the worst one-day slaughter by a lone gunman in American history.

Huberty's brain will be destroyed rather than given to doctors for research because there was no reason to believe they could learn anything useful, Coroner David Stark said.

"We will not be releasing it," Stark said. "We will keep it for about 90 days. We routinely keep blood and tissue for 90 days unless there are still questions."

Neurologists from as far away as the National Institutes of Health in Maryland had asked Stark to freeze the brain to preserve chemical clues that might explain

Huberty's actions. "Her girls need to be educated and Mrs. Huberty needs to conquer her guilt feelings," Ruiz said. "Her life has been destroyed, and she has no idea what the future will bring."

She said Mrs. Huberty would like to retain an agency for the handling of movie and book rights to provide contributions to a community fund for "education for the injured and help her provide for her family."

"Keeping the press away from her a time has been a tremendous job," she said. "Doesn't anyone have any feelings for this woman's grief? It is 22 times that of the rest of the people."

Following to community sentiment McDonald's Tuesday began dismantling the murder site restaurant — which has attracted \$1.1 million in annual business.

Bangerter says he hopes to provide incentives for incoming businesses

Continued from page 1
base depends on them," he said. He supports state water programs, which he says are more economical and shorter in construction time than federal programs.

Bangerter's running mate, Val Oveson, is Utah's current state auditor.

Oveson was a candidate for reelection for the state auditor's office before deciding to join the Bangerter

ticket. Paul Rogers, deputy campaign manager for the Bangerter campaign, said, "I think most political experts would have called him an absolute shoo-in for reelection."

An Orem resident, Oveson has been the state's auditor for four years and received a degree in accounting from BYU.

A poll published in Sunday's Deseret News showed Bangerter leading Marriott by a percentage point.

Marriott says state should expand vocational education opportunities

Continued from page 1
people and business to be productive," he said.

"To raise revenues, I favor expanding the tax base, cutting government waste and requiring the State Tax Commission to vigorously pursue those who cheat the system," he added.

Economically, Marriott emphasizes building Utah through the free enterprise system. He plans to cut

regulations and "red tape" and urge the Department of Business Regulation to develop a policy that fosters competition and provides a good business environment.

Marriott also emphasizes a good federal-state relationship. "Since the federal government owns 64 percent of Utah and contributes over \$600 million a year to our revenue base, our relationship with it is extremely important."



DOG DAYS OF SUMMER

DOLLAR NIGHT

EVERY THURSDAY AFTER 7 P.M.

SLIDE - \$1.00 PER HOUR OR

SKATE - 7 to 9:30 FOR \$1.00 at

CLASSIC WATERSLIDE

and SKATING CENTER

250 So. State OREM 224-4197

THE UNIVERSE

The Universe is an official publication of Brigham Young University and is published as a cooperative enterprise of students and faculty. It is produced as a laboratory newspaper in the Department of Communications under the direction of an executive editor and with the counsel of a university-wide advisory committee.

The Daily Universe is published Monday through Friday during fall and winter semesters except during vacation and examination periods. The Universe is published Tuesdays, Wednesdays, and Thursdays during spring and summer terms.

Opinions expressed in The Universe do not necessarily reflect the views of the student body, faculty, university administration, or board of trustees of The Church of Jesus Christ of Latter-day Saints.

Subscription prices: \$25 per year.

Offices: 528 Ernest L. Wilkinson Center. Printer: Brigham Young University Press Printing Services.

Editor: Holly Armstrong; Display Ad Mgr.: Jeff Bagley; Ad Services Mgr.: Kris Schullhaas; Art Director: Brian Andre; City Editor: Carolyn Dunbar; Campus Editor: Max Gardner; Asst. Campus Editor: Karl Bauer; Sports Editor: Les Carroll; Lifestyle Editor: Shannon Hall; Editorial Page Editor: Johanna Thompson; Copy Editor: Susan Dinkitchian; Asst. Copy Editors: Scott D. Pierce, Mary Alice Salmon; Night Editor: Rod Christensen; Wire Editor: Craig Steinberg; Photo Editor: Barbara Crowmover; Asst. Photo Editor: Doug Lind; Senior Reporter: Raesene Monson; Troy Steiner; Teaching Assistant: Anne Thornton; Intern: Julie Ann Dockstader. Morning Editor: Jean Laplin; Afternoon Receptionist: Connie Roberts.

The Brittany

A great place to live!

- * Video Movies
- * Laundry
- * Heated Pool
- * Study Area
- * Sun Deck
- * Lounge
- * Cable TV Hook-up

Spring/Summer
\$60 all utilities paid.

Fall/Winter
\$90 deposit.

No first and last month's rent.

225 East 500 North
374-9788

2 BLOCKS TO CAMPUS

WEATHER

Utah Valley forecast: Variable clouds at times thru Friday with widely scattered afternoon-evening thundershowers.

Highs: 92-97; lows: 60-65

For the 24-hour period ending 6 p.m. Wednesday:

High temperature: 93

Low temperature: 62

One year ago: 89 - 66

Prevailing wind direction: East

Peak wind speed: 44 m.p.h., 4:35 p.m.

High humidity: 75 percent

Low humidity: 24 percent

Precipitation: trace inches

Month to date: 2.59 inches

Since Oct. 1, 1983: 27.43 inches

Call in
NEWS TIPS
378-3630

Year Round Married Housing
to 2 Bdrm. Apts.
Furnished or Unfurnished
\$200 to \$230 mo.
THOMAS K APTS.
345 E 300 N
Manager #11
375-7639
12-5 p.m.
Available Immediately

General Book's progressive discount sale

50% 50% 50% 50% 50% 50% 50% 50%

Receive 50% OFF on sale sticker price Mon., July 30th

Receive 75% OFF on sale sticker price Tues., July 31st

75% 75% 75% 75% 75% 75%

Located on the North Patio with the yard sale. Applies to specific merchandise only.

byu bookstore

Hours: 7:50 a.m.-5:00 p.m.

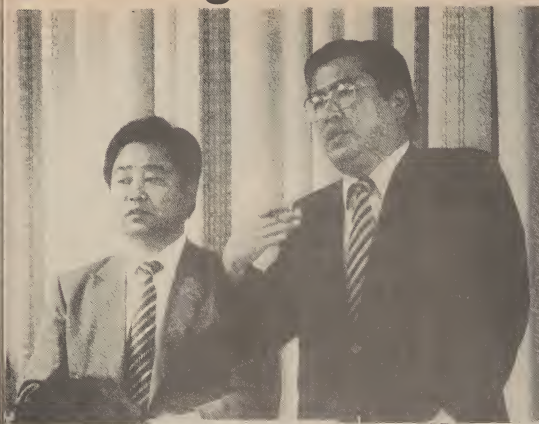
A Matter of Committment



Shorts, gym clothes and thongs are acceptable attire "only" in your housing area or athletic areas.

University Standards.

Korean governor strives for peace



Gov. Kim Tae Ho emphasizes a point in his speech delivered at BYU Wednesday. Kim is the governor of the Kyonggi province in South Korea. The Korean leader spoke on the importance of peace between his country and Red China.

By RAELENE MONSON
Senior Reporter

The backbone of the future plan for Korea is to accomplish peace with Red China, said Gov. Kim Tae Ho, a visiting government official from Korea.

In a question and answer meeting Wednesday, Kim, the Governor of Kyonggi Province in South Korea, said although he is not an expert, it is the government's utmost desire to preserve peace without causing war on the Korean peninsula.

"If war ever broke out it would be a total war with South and North Korea," he said. "In our analysis, the economic capability of Korea is in our favor. When our economy is strong it will force North Korea to come to the peace table whether they like it or not."

The economic upturn in Korea was explained by Kim as the result of an intense drive for education by the people. "We are a people with little resources. We compensate this deficiency with education. It is the one key," Kim said.

Because of the drive for education, out of 40 million people in Korea, there is close to a 90 percent illiteracy rate in the country, he said.

"As a people with long suffering and tribulations, we have learned to sacrifice. As everyone is well aware, farming is our life. Yet, parents have learned to sacrifice their lives to give

an education to their children to help better the future in their lifetime," he said.

Education is the basic foundation for the understanding of technology that led Korea into the rapidly new and changing world, he said.

Kim described the students as extremely studious. "If students do not make it to the library by 3:30 a.m. they will often not be given a seat for the day," he said.

When asked if Korea expected the communist countries to attend the 1988 Summer Olympics that will be hosted in Korea, Kim said it was his desire as well as the government's that the Soviet Union attend.

"It is important to overcome ideology, isms and expand the human race. The Olympics are pure amateurism; everyone should participate," he said.

Kim is in Utah as a guest of Gov. Scott Matheson. He participated in the Pioneer Day festivities Tuesday and said because Matheson visited Korea twice, he wanted to repay the courtesy.

"The people of Korea have very little understanding of Utah. We want to develop a sister-city-type relationship and this visit opens the main gate," he said.

The province of which Kim is governor is located in the northwest part of the country and contains the capital city of Seoul. It has a total population of more than 13 million.

Crestwood Private Bedrooms
Rent for Sp/Sum \$85
Full \$4 Contract \$130 + utilities
• Jacuzzi • Free Cable TV
• Sauna • Volleyball Area
• Dishwashers • Private Sink
• Pool • Racketball Courts
1800 N. State, Provo
377-0038

RENT A CAR
for a day, week, or month
\$9.95 per day & up
Trucks and moving van available. No Reservations Necessary
10% off with this ad. BYU students must be 18 yrs. +
RENT-A-CAR 288 S. Univ. Provo 375-4445
Limit one coupon per rental
Cars not to leave stage

New Summer Styles
Start with a Carefree Perm.
Perm Special—Reg. \$30.00
Now \$24.95
Special Student Discount
Shampoo, Cut, Style—Reg. \$14.00
Now \$8.00
Wet Cut—Reg. \$11.00
Now \$6.00
No appointment necessary
Command Performance
1300 S. State, Orem
Open: MON-FRI: 9 a.m. - 4 p.m., Sat: 9 a.m. - 4 p.m. 234-7222

Smaller cars increase Y parking space

By ALVIN SHERMAN
Staff Writer

Changes to new small-car parking in faculty and staff lots has resulted in a substantial increase in available parking.

According to Lt. Michael Harroun of the University Police Traffic Office, "The change is for the benefit of all employees." With the increase in small cars, BYU has found it necessary to convert some of the conventional parking in the peripheral area into small-car parking. Small-car parking is designated as an area measuring 7 1/2 feet by 5 1/2 feet. This area is sufficient to accommodate a subcompact, compact or intermediate vehicle, Harroun said.

He said the new small-car stalls are being marked with double yellow lines. The double

yellow lines are to distinguish regular parking from small-car parking. The double line will also help small-car owners center their cars for maximum distance and ease in entering and leaving the vehicle.

According to Harroun, it is important that users of small-car parking center their cars properly so as to maximize the space available and maintain orderliness.

The reason for the change is based on a need for more parking. Harroun said in parking lots located near the Jesse Knight Humanities Building, the Joseph F. Smith Family Living Center, the David O. McKay Building and the Joseph Smith Memorial Building, it was found that 70 percent of the cars were considered to be in the small-car category.

Changes have been made in these lots with an increase in efficiency, Harroun said. In the parking lot located west of the Knight Building, the number of spaces has been increased by 30 stalls. This is only after half of the lot was converted to small-car parking. If the entire lot were converted, the total increase will be 56 stalls. This would increase the number of stalls in the lot from 136 to 192.

According to Harroun, the advantages are an increase in "A" parking without taking away from "Y" parking, cost efficiency, an improvement in traffic flow in some lots, and access to academic buildings will be maintained.

He said the major inconvenience would be if larger cars were to be parked in small-car

spaces, which would result in driver tickets. The new parking change has created positive and negative reactions among some employees at BYU, Harroun said.

"If they will take a fair stand and have a good attitude about the changes, be patient and give it a chance, it will work," he said.

The parking change has allowed for other changes to be made. Instead of one-way entrances and exits, the new plan allows for the flow of traffic to occur within the lots. These improvements also create more space in the lots for entering and backing out of stalls.

"The attitude of the employees needs to be open to the changes," Harroun said. Harroun also said plans are being proposed to convert some of the student lots to small-car parking.

Bangerter says unitary tax unfair to Geneva

By BRAD HANSEN
Staff Writer

State Rep. Norm Bangerter, Utah's speaker of the house, expressed his support for Geneva Steel's continued operation Wednesday at meetings with the United Steelworker's president and U.S. Steel's general superintendent.

Bangerter told Dennis Holdaway, local United Steelworker's president, and Warren Bartel, U.S. Steel general superintendent, that the unitary tax, outdated equipment and unfair imported steel competition are the major problems facing Geneva Steel.

The unitary tax is levied on corporations that sell goods worldwide. This tax is in addition to the basic business tax all Utah companies must pay. Bangerter said this tax is unfair in that Geneva Steel could pay more in taxes than it earns.

"The tax is vague and subject to broad interpretation by both the preparer as well as the auditor. It also represents a disincentive for multinational companies to locate in Utah," Bangerter said. According to Bangerter, the tax needs to be eliminated.

He added Utah's economic base needs to be larger if it is to provide

employment opportunities to those who have lost their jobs as well as create large numbers of young people entering the labor market. An effort needs to be made to solicit industries to locate in Utah.

In Wednesday's meetings Bangerter pledged his support to the Fair Trade and Steel Act. This bill will limit the steel imported into the nation to 15 percent of the steel used in the United States for five years. At present, the nation is using 25 percent imported steel. According to Jack Bollow, a U.S. steel spokesman, "In the West (the area Geneva supplies)

more than 50 percent of the steel used is imported, and recently this figure went up even higher." Bollow added, "If this bill is passed it will give the U.S. steel industry some breathing room."

Bangerter said, "The money derived from the passage of this bill must be re-invested in plant modernization." According to Bangerter, plant modernization for efficient productivity will help ensure a future for this important Utah industry.

The bill would also help other needy companies become more competitive worldwide, he said.

University Police continuing search for suspect in Deseret Towers thefts

University Police are searching for a male suspect involved in robberies that occurred Monday at Deseret Towers.

According to University Police Investigator Mike Colvin, a considerable amount of money was taken from two floors of a Deseret Towers building.

The suspect in the robberies was described as a male in his mid-20s, 6 feet tall with wavy, dark hair extending down over the ears. He was wearing a tan shirt, jeans, tennis shoes and thick, oval, wire-rimmed glasses.

He was discovered taking money

and personal items from rooms in Deseret Towers by two students who tried to stop him. The suspect escaped, Colvin said.

Colvin said it is thought the suspect is a transient. Besides taking money he took items that included toothpaste and toothbrushes. It was also reported the individual's physical appearance indicated he had gone a considerable length of time without personal care.

Colvin said anyone with information concerning the suspect should contact University Police.

Man arraigned on forgery charges

A 27-year-old man was arraigned Tuesday in Provo on charges of forging checks drawn from the account of a BYU ward of The Church of Jesus Christ of Latter-day Saints.

Kenneth Edick, Provo, is sched-

uled to appear in 8th Circuit Court on Aug. 13 for a preliminary hearing on charges stemming from an incident in which the names of two LDS officials were forged on checks valued at \$1,894. The checks were made out to the suspect.

Norma Matheson to work for Owens

Norma Matheson, wife of Utah Gov. Scott Matheson, has taken a step to strengthen her endorsement for Democratic gubernatorial candidate Wayne Owens.

Owens announced Monday that Mrs. Matheson will serve as co-chairperson along with Milt Wellenmann for the Owens/Dale Carpenter ticket.

Mrs. Matheson had announced her support for Owens in a slide presentation given in his behalf at the party's inception in June, but had not served in any official role in the campaign until now.

Gov. Matheson has announced no endorsements for Owens or Kemp Gardner, but has stated he will support whoever wins the Democratic nomination in the August primary.

Gov. Matheson has stated he will remain on an "island of neutrality"

throughout the primary campaign.

The rest of the Matheson family has overwhelmingly supported Owens for governor. Gov. Matheson's children are all serving in roles at the Owens campaign headquarters.

Scott Jr., Tom and Lu Matheson Sweeney are all serving in volunteer roles for the campaign. Jim Matheson is working as campaign manager for Owens.

"It is important that the candidate and ultimately the man who serves as governor will continue to have long-range planning, projects and goals that will reflect what has been going on for the past number of years. I feel strongly that the men who best exemplify that hope is the team of Owens and Carpenter," Mrs. Matheson said.

She has stressed that her opinion is her own and not necessarily that of the governor.

Strikers throw bricks at British police officers

LONDON (UPI) — Police clashed with striking coal miners for a third day Wednesday and some strikers angered by miners wanting to return to work hurled bricks at a local union headquarters in central England.

Twelve miners and two policemen were injured in violent incidents around the country. Police arrested more than 70 people, bringing the number of arrests during the 20-week-old walkout to more than 4,700.

The miners walked out March 12 to protest the National Coal Board's plan to close 20 mines and cut 20,000 of the country's 175,000 mining jobs.

39 WEST
STREETWEAR FOR MEN & WOMEN
GENTLEMEN • GENTLEWOMEN
men's & ladies
Knits 1 for \$18.00
Shorts 2 for \$33.00
Shirts 3 for \$44.00
Madras
Sweaters reg. \$27.00 to \$48.00
39 West 200 North, Provo University Mall, Orem

Star Palace
Presents
SOUVENIR
Opening band for Rick Springfield
Friday July 27, 1984
Dance until midnight to Top 40 and original music
"That's the best dance I've been to in a long time!"
With current Student I.D. get \$1 off the current admission price
This summer let the music move you to Utah's hottest night spot.
374-9272 Open 9 p.m.

Pioneer DIAMOND COMPANY
500 COLOR PHOTO INVITATIONS \$249 by STYLART
Plus all this FREE!
Professional photo setting 10 5x5 color proofs yours to keep
2 B&W 5x7's for newspaper
100 thank you notes with envelopes
500 seals
Keala & Val
470 N. University Ave. • 377-2660 • Offer expires July 31, 1984.

SPORTS

Bestor pushes athletic success

By DAVE LEWIS
Staff Writer

To a lot of people, BYU sports means football and basketball. Ask Rolfe Bestor, and you may get a different answer.

Since coming to BYU in 1966 as a diving coach, Bestor has been a catalyst in BYU's drive for excellence in athletics. He is currently director of extramural sports in the Physical Education Department.

Bestor is in charge of nine sports that compete both regionally and nationally. They are fencing, lacrosse, rugby, women's soccer and softball, weightlifting, men's volleyball, skiing and ice hockey.

Although each of these sports is sponsored by the NCAA, its designation as an extramural sport at BYU prohibits it from NCAA affiliation.

"Each of these extramural sports has its own national organization," Bestor said.

Competition for BYU's extramural teams is often tough, largely because BYU teams compete against collegiate squads funded entirely by their university. "We don't designate any money from the university to scholarships," Bestor said. "We also don't encourage fund-raising."

This lack of intercollegiate status, however, has not proven too great a

deterrent to BYU's success. The Cougars' rugby team, for instance, has ended its season in the nation's Top Five during the last four years. The ski team has also done extremely well in recent years, having captured the National Collegiate Ski Association title in 1983.

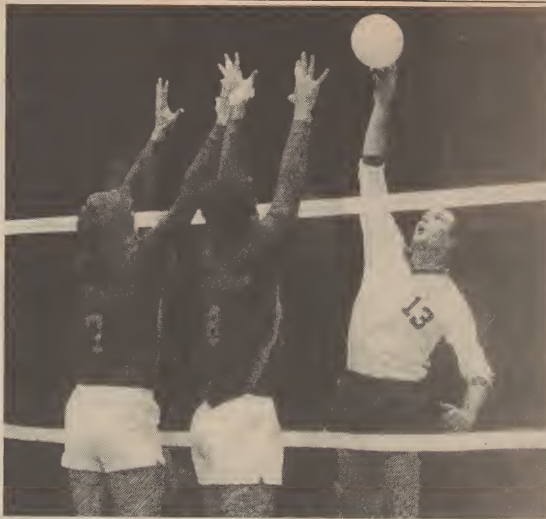
While serving in the swimming and diving program, Bestor became a graduate adviser in the women's P.E. Department. At that time, there was no such thing as a coed P.E. class.

"I began teaching a few coed classes to see whether it would be possible. It's been a very successful transition," Bestor says. BYU currently offers coed P.E. classes whenever possible.

Bestor's collegiate football career ended his first year at the University of Wisconsin when his shoulder was injured, forcing him to find another sport. "I began swimming and diving and was also a member of the gymnastics team," he recalled.

In 1954 his efforts paid off as he was named All-America in diving.

In addition to his present position with extramural sports, Bestor is director of the BYU Invitational Track and Field Meet. The meet, in its 12th year, is, according to Bestor, America's largest high school track and field meet.



A member of BYU's men's volleyball squad (in white) pushes a point past Pepperdine blockers in a match at Smith Fieldhouse earlier this year. Men's volleyball is one of the sports that falls under the direction of Rolfe Bestor and the BYU Extramurals Office.

Johnny Miller to play benefit

Professional golfer Johnny Miller and BYU's American Indian Services and Research Center will sponsor a golf tournament at the Jeremy Ranch Aug. 4. Proceeds will benefit Indian Services.

BYU's 143th Ward claims gold medal in ASBYU Olympic hoop championship

By BRYAN DANGERFIELD
Staff Writer

With nine seconds to go in the gold medal game of the ASBYU Olympic basketball competition, the 143rd Ward literally had the game on the line.

Lynn Adair came to the foul line, not having scored a point all night, and coolly sank a pair of free throws to give the 143rd a 37-36 victory over the 54th Ward Wednesday night at the Richards Building.

"I've been in situations like this before and there is no better feeling when you win it like that," said Adair about seeing his two foul shots go in.

With 51 seconds left in the game the 54th took the lead 34-33 after missing the front end of two shot foul, but 143rd came right back when Jeff Cook hit on a turn around jumper with 33 left.

Pressure shot

Jim McKenney appeared to have put the game on ice for 54th when he hit a pressure shot with 18 to go.

After working the ball down court Adair was fouled underneath and was sent to the line for his winning points. The ball was stolen from 54th in their desperation play at the end.

The leading scorer on the floor was the 143rd's Jeff Cook who poured in 19 points while teammate Grip Clawson had 10. For the silver medal winners, Ken Gibbons and Jim McKenney each poured in 10 points.

After the contest, Cook said, "I was just hoping that we could pull it out and it was fun to see Lynn do it."



Jeff Cook (24) of the BYU 143rd Ward goes in for two points in the ASBYU Olympic basketball finals. Cook led all scorers with 19 points to help his team claim the gold medal over the 54th Ward Wednesday night.

The two teams met in the finals after finishing undefeated through six games. There were 55 teams participating in the ASBYU Olympic basketball competition.

Consolation game

In the bronze medal game the 134th Ward held off the 58th in a tight 35-33 battle. With a four-point cushion and time running out, 58th couldn't get off a shot to send the game into overtime.

For ASBYU Athletics Vice-president, Gary Saunders, the BYU Olympic Games have gone very well with a few minor hitches.

First time

"This is the first time we've ever tried something like this and I hope after I leave that it will continue," said Saunders. "We still need more volunteers for the track and field finals on Saturday in order to complete the games successfully."

The first of the Games began on July 17th and will continue through Saturday, culminating with the track and field finals.

Team Standings

These are the team standings in the ASBYU Olympics with track and field competition remaining. The top 10 teams are:

9th Ward — 180 points; 48th Ward — 161 points; 54th Ward — 126 points; 68th Ward — 120 points; 134th-137th Wards — 114 points; 39th Ward — 88 points; 7th Ward — 86 points; 56th Ward — 77 points; 102nd Ward — 74 points; 60th Ward — 73 points.

Olympic Notes

TALLEST, SMALLEST

LOS ANGELES (UPI) — Pat Ewing and Jon Koneak, both basketball players, are the tallest members of the American Olympic team at 7-foot, while Anne Donovan, also a basketball player, is the tallest woman at 6-foot-8.

The shortest members of the United States contingent are gymnast Mary Lou Retton, who is 4-foot-9, and weightlifter Albert Hood, 4-11. Another gymnast, Julianne McNamara, is the lightest member at 88 pounds, and the lightest man is boxer Paul Gonzales, 106.

Bill Buchanan, a 49-year-old yachtsman, is the oldest man, and the youngest team member is 15-year-old Michele Richardson.

FAMILY AFFAIR

There are two brother-sister combinations on the United States Olympic team, and they're the jumpers on the track team. The most prominent family is Carol and Al Lewis, and they are joined by Jackie and Al Joyner.

Cyclists Davis Phinney and Connie Carpenter are the only married couple, and there is one father-son combination, William and Carl Buchanan, both in yachting.

SECOND TIME

Canoeist David Gilman is the second person ever to compete for the United States in the Winter and Summer Olympics in the same year. Gilman competed in the luge at Sarajevo, Yugoslavia, finishing 17th in the individual race; and he will race in the canoe at Lake Castias.

The first American to compete in both Games in the same year was Art Longo, a speedskater and cyclist in 1966.

VIVID SCENARIO

People at the Olympic Games can scarcely fail to be impressed with the bright colors around the streets, venues and villages.

Australian yachtsman Chris Cairns is supplementing the flags, pennants, posters and uniforms with some color of his own.

On Saturday, the winner of the last two world championships in the tornado division had his hair streaked green and gold — his team colors.

RECORD HOLDERS

Eight world record holders in swimming are expected to compete in the Olympic Games.

Those holding two standards apiece are Rick Carey (100 and 200 meter backstrokes) and Mary

Meagher (100 and 200 meter butterfly) of the United States, Alex Baumann of Canada (200 and 400 meter individual medley) and West German Michael Gross (200 meter butterfly and 200 meter freestyle).

The others are Rowdy Gaines (100 meter freestyle), John Moffet (100 meter breaststroke) and Pablo Morales (100 meter butterfly) of the United States and Canadian Victor David (200 meter breaststroke).

Prepare For: September 29

LSAT

Call Days Evenings & Weekends
Course begins:
July 28

381 W. 2230 N.
Suite 330
Provo, Utah
226-7205

SUNDANCE SUMMER THEATRE
PRESENTS

PIPPIN

Book by Roger L. Hirson; Music & Lyrics by Stephen Schwartz

Plays even calendar nights; i.e., 2,4,6,8, etc.

ADULT CHILD
MONDAY OPEN SEATING \$3.50 \$3.50
TUES., WED., THURS. \$5.00 \$4.00

TUES. & THURS. COMBINATION: BARBECUE/PLAY \$11.95 ADULTS, \$9.95 CHILD.

FOR SHOW AND TREE ROOM RESERVATIONS CALL 225-4107

FIDDLER ON THE ROOF

Book by Joseph Stein; Music by Jerry Block; Lyrics by Sheldon Harnick

Plays odd calendar nights; i.e., 1,3,5,7, etc.

FRI., SAT., RESERVED SEATS ... \$6.00 \$6.00
FRI., SAT., GRASS SEATS \$5.50 \$4.50

Pittsburgh's Bradshaw ends illustrious career

NEW YORK (UPI) — Terry Bradshaw, who used his strong right arm to lead the Pittsburgh Steelers to a record four Super Bowl championships, will end his entertaining football career with his present team.

Bradshaw, one of the greatest passers in NFL history, announced his retirement Tuesday. He will leave the Steelers as a general analyst for football. He will begin his coaching this season, ending a brilliant 14-year career with the Steelers.

The announcement, making Bradshaw's "off again, on again" retirement official, was made by Peter A. Bisci, assistant vice president of CBS Sports.

MATERNITY CLEARANCE SALE

All Maternity Clothes
50% OFF

- Dresses
- Nightgowns
- Tops & Pants
- Bras, Slips, Pantyhose, Girdles

EVERYTHING IN
STORE MUST GO!Maternity Wardrobe
32 N. 100 E., Provo

FUTURE COPIES
21¢
ON SALE TODAY AT
kinko's

NO MINIMUM
8 1/2" x 11"
WHITE 20LB BOND

835 N. 700 E. 377-1792
1 E. Center, Suite 100 377-1791
ANNUAL SALE JULY 23-31

Captain Kirk's Pizza

New Hours!
Mon. - Thurs. 11 a.m. - 11 p.m.
Fri. & Sat. 11 a.m. - 12 mid.

We Slice a Great Pizza!

Sailed to you **FREE!**
(Coupon required upon delivery)

Sailors Choice
Any 16" Two Item
for only \$7.25

After 9 p.m. Special
Any 12" Two Item
\$4.99

Call 377-4833
Call 377-4833
(IG & Sat. 9 p.m. only)

LIFESTYLE

Fun, culture combined in upcoming art series

By KELLIE NIELSON
Staff Writer

The 1984-85 Performing Arts Series schedule has recently been released and is meant to be fun for everyone.

"The Performing Arts events are fun. They are not just for the culturally minded. They are to be enjoyed by everyone, whether they are into classics or anything else," said Paul Duerden, concert manager.

The tickets for the coming season are being sold in the music ticket office of the Harris Fine Arts Center and will continue through Sept. 7. Tickets will be sold through the end of the Fall Semester to give returning students the opportunity to purchase tickets, he said.

"The Performing Arts Series brings national and international performers to BYU," said Duerden.

The series will have obists, dancers, P. D. Q. Bach, the Utah Symphony, as well as others.

The chairman of the Performing Arts Series Committee, Dr. K. Newell Dayley, said, "The 1984-1985 Performing Arts Series not only provides colorful choices but does so at a remarkable price."

This year's season, which lasts from September to March, consists of five separate series: chamber, concert, variety, fall, and winter. There will be a total of 14 events including two special events.

The grand opening for the entire season will be a performance by the Utah Symphony, conducted by Joseph Silverstein, on Sept. 12.

The chamber series features the Endellion String Quartet, Joseph Robinson, Continuum and Edward Tarr.

Robinson is the principle oboist with the New York Philharmonic Orchestra. He will be assisted by some faculty artist from the BYU Department of Music.

The concert series includes the Utah Symphony; Leonard Pennario; JoAnn Ottley, the 1984 Utah Performer of the Year; and Tashi.

The variety series features the opera "The Crucible," as well as the groups Concert Royal and the New York Baroque Dance Company. The Utah Symphony and The King's Singers will complete the variety series.

The Concert Royal performance is to celebrate the tercentary of Bach, Scarlatti and Handel. The dancers will perform in costumes from the 17th century.

Duerden said, "The last time The King's Singers were here the show sold out in an hour and a half. The response was phenomenal."

The fall series will consist of performances during Fall Semester. The winter series will be conducted in the same manner.

Duerden said the fall and winter series are designed specifically for students.

Students attending BYU for only one of the semesters will be able to see either the fall series or the winter series without wasting money or tickets, he said.

In addition to the five series, two special events are planned.

The first special performance is Professor Peter Schickel's interpretation of P. D. Q. Bach. Schickel will be working with Dr. Ralph Laycock, conductor of the BYU Symphony Orchestra. Schickel will be conducting the BYU orchestra.

"This time we've scheduled two nights for P. D. Q. Bach. The first night will be for season ticket holders and the second will be open two weeks in advance for ticket sales to anyone. I anticipate the second night will sell out in two days," he said.

"I Remember It Well: A Musical Evening with Josh Logan and Friends" is the other special event.

"I Remember It Well" will be songs from Logan's shows. Logan will tell stories and the cast will perform behind-the-scenes anecdotes.

Tickets not sold as season tickets will be put on sale two weeks prior to any event for the general public.



P. D. Q. Bach is one of the many performers scheduled as a part of the 1984-85 Performing Arts Series. When P. D. Q. Bach performed at BYU in 1982, the show went so well it was held over another night.

FLICK FLACK

BEAT STREET (PG) — Breakdancing movie. Better than "Breakin'." Profanity.

BREAKIN' (PG) — Good dancing. Plot dialogue and acting are mediocre. A young man discovers street dancers are just as hard-working as those who train in class.

CHEECH & CHONG'S THE CORMORANT BROTHERS (PG) — This movie takes the duo of Cheech and Chong and puts them in the parts of two brothers in pre-revolutionary France, two brothers tied by a close bond that any blow dealt to one is felt by the other. Profanity, vulgarity, sex.

GHOSTBUSTERS (PG) — Hysterical comedy about parapsychologists who go into the spirit elimination business. Creative humor and a few genuine scares featured. Bill Murray and Dan Aykroyd. Violence, ex, profanity, vulgarity.

GREMLINS (PG) — Frantically-paced enthralling story. Nameless gremlins start out as cuddly pets but turn nasty when fed after midnight. Steven Spielberg production. Profanity, vulgarity, violence.

INDIANA JONES AND THE TEMPLE OF DOOM (PG) — Incredibly entertaining and packed with stunts and action. As exciting as "Raiders of the Lost Ark." Action is set before the "Raiders" events. Starring Harrison Ford with a new cast. Violence, profanity.

THE KARATE KID (PG) — Excellent; the title is misleading and the story is much better than one can imagine from the title. The plot revolves around a teenager who moves into a new area and the problems he encounters. Almost a "Rocky"-type movie. Profanity, violence.

THE NATURAL (PG) — Great; just a

good old-fashioned movie. Possibly Robert Redford's best performance ever. A gifted athlete in the 1920s is waylaid from his career for 16 years. Then he shows up and brings on a winning streak for a losing team. Profanity.

PHAR LAP (PG) — Terrific Australian show. Based on a true story. A broken-down horse rises to become champion during the Depression. Profanity.

RHINESTONE (PG) — Sylvester Stallone and Dolly Parton star in a rowdy comedy about a happy-go-lucky cab driver and a country girl who sings in a New York nightclub. When they meet, cultures clash and tempers flare in a new twist on the battle of the sexes. Profanity, vulgarity.

ROMANCING THE STONE (PG) — Suspenseful comedy. A timid romance novelist finds high adventure when she gets lost in

the Colombian jungle; her only companion is an unsympathetic American who wants her treasure map. Violence, sex, nudity, profanity.

SIXTEEN CANDLES (PG) — Better than most teenage comedies. A girl turns 16 and finds her parents have forgotten her birthday. The school nerd has a crush on her but helps her get the guy she loves. Sex, profanity.

SPLASH (PG) — A hilarious story about a mermaid who turns human for a short period of time and then faces a dilemma when she falls in love with a human. Profanity, sex.

STAR TREK III: THE SEARCH FOR SPOCK (PG) — The best ride yet aboard the Enterprise. After hijacking the recently decommissioned Enterprise, Capt. Kirk and the crew try to retrieve Spock's body and deliver it to the planet Vulcan. Violence.

Soap opera to feature Michael's older brother

(UPI) — Elizabeth Taylor and Carol Burnett have already tried guest appearance on it and now, Jermaine Jackson, will too. Jack-World Turns" during son, elder brother of the week of July 30.

mann

MANN 4 CENTRAL SQUARE PROVO—374-6061 175 NORTH 2ND WEST

Friday's listings

THE NATURAL 1:00, 4:00, 7:00, 9:45	CORISCAN BROTHERS 7:15 9:15
--	--

MEATBALLS II
1:15, 3:15, 5:15, 7:15, 9:30

CARILLON SQ. 4 OREM—224-5112 309 E. 1300 SOUTH

JIM HENSON Presents A FRANK OZ FILM

THE MUPPETS like MANHATTAN

2:00
4:45
7:15
9:30

THE NEVERENDING STORY

SHOWS DAILY
1:00, 3:00
5:00, 7:00
9:15

KARATE KID
1:30, 4:15, 7:00, 9:45

4—great midnight shows
Friday and Saturday
phone: 224-5111 or 5112

FOX PROVO—374-5525 1230 NORTH 233 WEST

INDIANA JONES and the Temple of Doom

2:00, 4:30
7:00, 9:45

midnight show fri. & sat.
All seats \$3.00
DISCOUNT TICKETS
ACCEPTED

MONUMENTAL AND THE Holy GRAIL

Yard Sale

JULY 30th & 31st NORTH PATIO

Stop by for savings on all kinds of items. Plus a progressive discount sale on trade books and a glass of cool lemonade for .10¢!!

Yard Sale Hours:
7:50 a.m.-5:00 p.m.
Mon. and Tues.

byu bookstore

We accept Visa and Mastercard!

Professor studies 'roadometer' use

By BONNIE ANJIER
Staff Writer

When the first pioneer company arrived in the Salt Lake valley on July 24, 1847, they had traveled 1,032 miles—and knew it. With the aid of a handcrafted "roadometer" the pioneers were able to accurately measure their trek.

Norman E. Wright, a professor of computer science at BYU, has done research on the Mormon pioneers and their use of odometers during their travels. In 1976, he was preparing a lecture on historical counting machines like the abacus. America's Bicentennial was then in progress and the university was sponsoring a major exhibit of Western pioneer artifacts.

Included in that collection was a handmade, wooden device that one pioneer used to count wagon wheel rotations and hence determine distances traveled. While this was not the odometer used in the initial trek, it was similar. It impressed Wright enough so that he has conducted research on this "machine that counts."

Wright has studied personal journals of members of the first pioneer company and has found information and insights about the development and use of the odometer.

When the company was 75 miles out of Winter Quarters, Neb., Orson Pratt, William Clayton and Appleton Harmon designed and built the counting device.

Clayton recorded in his journal, as quoted in the August 1981 Ensign: "I walked in the afternoon in company with Orson Pratt and suggested to him the idea of fixing a set of wooden cog wheels to the hub of a wagon wheel in such order as to tell the exact number of miles we travel each day. He seemed to agree that it could be easily done at a trifling expense."

Professor to speak tonight on Haun's Mill massacre

On Oct. 30, 1838, nearly half the men living around Haun's Mill, a small settlement on Shoal Creek 12 miles east of Far West, Mo., were killed by the Livingston County militia as a literal reaction to the extermination order of Missouri Gov. Lilburn W. Boggs.

The massacre has been referred to by historians as the most inhuman event in frontier history. According

The idea of such a device was accepted by the group. It would provide a means to tell the mileage without guessing. It would help Clayton know the distances between landmarks and campsites, and help him compile the "Latter-day Saints' Emigrants' Guide," which was published in 1849.

Wright said Clayton measured the left-rear wheel of Heber C. Kimball's wagon and found it to be 14 feet 8 inches in circumference. A mile would equal 360 rotations of this wheel, "not varying one fraction."

On May 8, 1847, they used a marker on the wheel as they traveled. Wright said Clayton counted 4,070 rotations or 11¼ miles. This was two miles less than the estimates others gave that day.

Clayton then began work on the "roadometer." It was installed May 16.

The description given by Clayton is paraphrased by Wright: "As the measured wagon wheel turns, a cog on its rotating hub strikes one of the projecting arms of the mechanism's drive rod. Six turns of the wagon wheel produce one rotation of a rod. With each rotation of the rod, the threads at its upper end move one tooth of the 60-tooth gear wheel." One complete rotation of the gear equals one mile, Wright said.

A second gear counted each rotation of the 60-tooth gear. Each rotation of the second wheel meant they had traveled 10 miles. If they traveled more than 10 miles, the gears returned to their original position and started over.

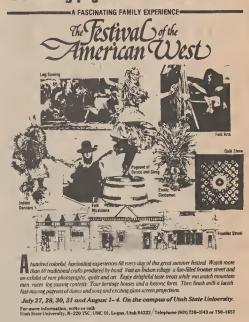
A second odometer was used by Clayton traveling back to Winter Quarters. This one was built by William A. King, and could measure 1,000 miles at a time.

Three-day conference opens today

A three-day conference begins today at BYU in which women will learn how to break into administrative positions in Utah's public schools. The conference, entitled "Women in Educational Administration: A Blueprint for Action," will teach administrative concepts and strategies for success in administration.

Speakers will include educational administration experts from BYU and Westminster College of Salt Lake City, professional organization leaders and several women who are administrators of public schools in Utah. Those interested in registering for the conference can call Ext. 2558.

Enjoy all the excitement of past years, a thrilling pageant, new taste treats!



A fabulous festival, featuring pageants of every day of the great western festival. Hosts are...
July 27, 28, 30, 31 and August 1-4. On the campus of Utah State University...
Ticket information: 336-7671, 336-7672, 336-7673, 336-7674, 336-7675, 336-7676, 336-7677, 336-7678, 336-7679, 336-7680, 336-7681, 336-7682, 336-7683, 336-7684, 336-7685, 336-7686, 336-7687, 336-7688, 336-7689, 336-7690, 336-7691, 336-7692, 336-7693, 336-7694, 336-7695, 336-7696, 336-7697, 336-7698, 336-7699, 336-7700.

RAVEL STATION
377-7577
835 N. 700 E. - PROVO

EUROPE AND USA YOUTH HOSTEL PASSES SOLD HERE

SALT LAKE TO BOSTON \$195.00 *

SALT LAKE TO CLEVELAND \$160.00 *

SALT LAKE TO DETROIT \$160.00 *

*** ONE WAY**
Fares are subject to change. Subject to availability.

Crops grown in Chile such as those above suffer from the salinity and aridity of Chilean soil. A BYU professor is teaching Chilean farmers to use the more efficient method of drip irrigation.

Professor teaches irrigation practices

By STEWART COWLEY

Dr. Sheldon Nelson, an associate professor of agronomy and horticulture at BYU, is teaching farmers in Chile to use the same irrigation technique responsible for making Israel's agriculture so successful.

Drip irrigation, developed in Israel during the 1960s, is being used successfully in Chile now, said Nelson. He said this technique is proving to be the answer for farmers in arid areas around the world.

Drip irrigation is an alternative to flood or sprinkler irrigation because it efficiently uses water and helps protect crops from harsh saline soils. Water is frequently applied to the roots of plants in small drops, which keeps only the soil immediately around the plant moist. This helps preserve water, and it helps keep harmful saline soil elements away from the plants' roots, Nelson said.

Arid farming

Nelson returned Tuesday from a visit to the University of Tarapaca in Arica, Chile, where research about drip irrigation is being done. Arica, located in Northern Chile, is situated on the edge of the Atacama Desert — one of the most arid areas in the world. "The area has essentially no measurable precipitation," Nelson said. "They must develop agriculture that is very efficient in water use and can produce in the harsh saline environment."

Drip irrigation provides an efficient way to

utilize the limited water supply from the higher elevations of the Andes Mountains. Because the irrigation method has been so successful, the university has been encouraged to develop programs for educating Chilean farmers about implementing it, Nelson said.

"Drip irrigation, for many crops, uses 50 percent less water than traditional methods and can double or sometimes triple yields," he said. Farmers in the desert areas of Chile currently use ancient farming methods developed by the Indians. Their "snail method" of irrigation, which consists of making long, winding furrows to retain as much water as possible, is good for leaching salts from the soil and efficiently using water, Nelson said.

Many of the seeds being used have also been developed by the Indians to thrive in the harsh climate. The farmers do well for the area but not as well as they would like to, he said.

Joint research

Nelson said the University of Tarapaca has also begun a research program to develop new varieties of crops that can grow well in arid areas. Farmers in the area of Arica mostly raise corn, onions, garlic and some spices, but their productivity is low. It is believed that crops can be developed to produce better in the area.

Nelson was invited to visit the University of Tarapaca because of his extensive research on drip irrigation. He was asked to visit Chile and assess how such irrigation could help agriculture there.

Program aims at more involvement

A new ASBYU Research and Development program will attempt to link student desires to actual execution of plans.

ASBYU Executive Vice President Steve Colton said he thinks a new program called Research and Development might be able to "make a difference."

"When Rob (Miller) and I were elected, we found that BYU students complained the most about not having any input or voice into anything that goes on," said Colton. "We feel that Research and Development is the best way to find out what the student needs are, come up with the solutions to satisfy those needs and then ultimately implement them."

The Research and Development program is a process involving public opinion polls, computation of statistics and research of the program ideas, and the drawing out of effective plans for administrative approval. This project will require a staff of approximately 200 people to run the program at full capacity, said Scott DeRuyter, executive director

of Research and Development.

"The first thing we do is respond to student input through various networks we've designed to bring all the information in," he said. A few of the various networks include polling booths set up in strategic areas around campus, presidency meetings and freshman rap sessions.

One idea that Research and Development is working on is course/teacher evaluations.

Many universities have a student-written description of how each professor teaches along with what the course is like. Many BYU students are in favor of a written evaluation for each teacher before taking the class.

Changing the Ernest L. Wilkinson Center to a student union building and implementing uniform testing policies are two other ideas in the initial stages of research and development. "There are big things in the making," said DeRuyter, "but because many times the programs don't all pan out, it's probably too premature to reveal some of them."

AT-A-GLANCE

All submissions to AT-A-GLANCE must be received by noon the day before publication. All items must be double-spaced and typed on a 60-by-11-inch sheet of paper. Items will not be published for more than three consecutive days and submissions of a commercial nature, or which advertise activities resulting in regeneration to anyone will not be accepted for publication.

BYU-HC Annual Picnic—The annual picnic for former and current faculty and staff of the Church College of Hawaii and BYU-HC will be held at Kwana Park, 520 N. 1100 East, at 6:30 p.m. Monday. Drinks will be provided but those attending should provide for their own dinner. A \$1 donation per family is requested to cover the rental of the pavilion.

Academics Office—The ASBYU Academics Office needs students to work on the fall book exchange, a student-run alternative to the Book Store. A director's position is open. Also students interested in developing a student Course-Teacher Guide are needed. Contact Gary Ogden in 434 ELWC or call Ext. 7176.

INTERNSHIPS FOR WOMEN

Volunteer internships in Washington, D.C., are available Fall Semester with Mainstream Women of America, a conservative women's political organization. Academic credit is available for participating students. Interested students should contact the Washington Seminar office, 747 SWKT, Ext. 6029, no later than Tuesday.

ITALIAN TEMPLE SESSION

A temple session in Italian will be held Friday in the Provo Temple. Meet in the chapel at 8:45 p.m.

BYU Missionaries—All interested in learning about The Church of Jesus Christ of Latter-day Saints can contact the elders in 243 MAB or call Ext. 3006.

CHURCH NOTES

Clubnotes are published by The Universe as a service to students. Information must come from the ASBYU Organizations Office. All Clubnotes must be in English and cannot exceed 25 words.

Chess and Checkers Club—Chess and Checkers Club's annual summer chess tournament will be Aug. 1, 3 and 4. It will be open to all players and will be divided into two sections. For information, contact Scott at 374-9163.

Peruvian Club—We invite all who want to celebrate our independence to come to our dance Friday at 7:30 p.m. in 179 JSB. For more information call Andrea at 374-0485 or Julio at 377-9812.

Pre-Dental Club—Club members or those interested in dentistry are invited to participate in the BYU Academy of Dentists conference Aug. 16-18. Those interested should contact the pre-professional office in 380 WIDB.

ATTENTION MISSIONARIES

50% off
all pre-mission dental exams

10% off
all other missionary dental work

COUGAR DENTAL CENTER
Philip Shaw, D.D.S.
377 N. 700 E. 377-7700
Just off campus - across NORDIC City Center

THIS FALL MOVE UP IN STYLE BUT NOT IN PRICE

BROWNSTONE MONTEREY CASA DEA

375-9446 377-5501 377-3367

1080 E. 450 N. 442 N. 400 E. 660 N. 200 E.

For luxurious living that you can afford, you'll be glad you came to see us first.

Academics is looking for a Director for the Book Exchange

person w/interest or experience in marketing or business. and students interested in developing a course-teacher guide

Academics Office 434

4th Floor ELWC

378-7176

ASBYU

The American Ideal Cut... Uncompromising Quality.

100%

34% 40% 98%

At Sierra-West there is no compromising.

Sierra-West "Diamonds"
Fine Jewelers

2230 N. University Parkway
Suite 11A CottonTree Square
825-4700
Hours: M.-Th. 10-7:30
F. 10-8
S. 10-6
"We will not be under sold."

NOW'S YOUR CHANCE TO GET A REAL TAN!

You will not sweat, burn, peel or feel totally exhausted as you would in the sun, but feel SAFE, COOL, RELAXED and TAN in less than 7 short sessions. Stop Down Today for a Free Visit. Extra air conditioning added for comfort.

TAN FASTIQUE TANNING SALON

New Albertsons Shopping Ctr.
2255 North University
Parkway Village

377-0270 0271
Tan Fastique
Free Visit
women
Near New
Albertsons

OPINION

Patient drivers help traffic flow

No one likes to end up in a traffic jam or drive through road construction. But neither does anyone like to drive over potholes and poorly-kept roads.

Listening to KSL radio over the weekend, you could hear an informal poll asking Utah residents what they didn't want tourists to see while in Utah. The responses were interesting. One man said that he wouldn't like tourists to see the bridge work being done on I-15, another woman said she wouldn't like them to see all the construction on the highway. And another woman called in and said she would not like tourists to hear about what Utah residents don't want tourists to see.

UNIVERSE OPINION

None of us likes to drive through construction. The workers have been doing on all summer along I-15. Lanes thinning into one small

throughway are not uncommon. Traffic jams moving at snail-paced speeds and accidents due to careless drivers who don't slow down are all a part of the summer construction ritual. Is it worth it?

Yes. Many students who travel to BYU via Provo Canyon repeatedly complain about the single lanes, ultra-cautious drivers who hold up traffic and far too few passing lanes.

Drivers traveling through the canyon this summer have been inconvenienced. Half-hour delays and dusty air do nothing for their disposition. But think how glorious it will be driving through Provo Canyon with less hassles.

And there is always the alternative of taking I-80 via I-15 to get to Heber or Park City. But who wants to take I-15 is shaping up already. Already vanished are some of the annoying and deadly potholes so common to Utah roads. The road workers toil long, hard hours to complete the job. Even after dark, you can see men and women in bright orange vests working under floodlights to complete the bridge work. The final product will be a smoother highway that pampers the badly abused shocks of Utah cars.

Many drivers also do not realize that time is limited as to when this road work can be completed. Extreme temperature and weather conditions in Utah are not conducive to a limitless time slot in which to repair roads.

What is a half-hour wait at the mouth of the canyon compared to the trek the pioneers made from Provo to Heber City? Even with the delay we would get there far sooner than any handcart or carriage would. Yes, we really have it rough.

To distort a well-worn phrase: The means justify the end. When the work is finally completed, our cars will be profusely grateful. So next time you end up driving 20 mph on the interstate or through the canyon, remember to be patient. Better to wait now than be part of an accident this winter in an area in which a pothole wasn't fixed or the canyon road wasn't widened.

WHAT AN ELECTRIFYING SPEECH! JACKSON'S GOT MY VOTE!

BE REASONABLE, FRITZ.



Politics: To serve or gain?

Candidates gladly pay price for notoriety

As America plunges into another presidential election year, money flows and mud flies. Candidates scramble to find new methods of slandering their opponents and deplete their fortunes (and those of supporters) in the struggle for election.

The Democrats are off to a good start, destitute debate on important issues until all reputations have been sufficiently smeared. Republicans will soon join the fun and by November the whole lot will be going for the jugulars of their opponents, spending every available dime to get into office.

Generally, the public expects to see "healthy political competition" in a Democratic society, but what are the implications of today's campaign styles? What kinds of men are drawn to candidacy, and what motivates them to spend much of their fortunes, energy and time groveling in the mud pits to get into office?

Is it an uncontrollable desire to serve their fellow man? Today's price of public "service" says no.

In the 1982 midterm campaigns, \$900 million was spent in the effort to win office. Some candidates spent as much as \$8.2 million of their own funds — and lost! The winners outspent them in about 82 percent of the races. In 1984, a presidential election year, the price of office will be higher.

Men who would pay such a high price to serve the public are seldom found in this world; the drive of a bull elk in rut exhibited by candidates in recent decades doesn't comport with the desire to serve. A search for other factors reveals more realistic motivation behind office-seekers.

Large salaries alone, although lucrative to the average man, couldn't lure already wealthy men into candidacy; salaries only provide them with sustenance. But more than salary comes with high position in government.

Social status derived from political office easily converts to cash, especially when the office is President of the United States.

Exploitation of office is common among today's ex-presidents. Firms are more than ready to hire an unemployed president, and an unlimited number of groups are anxious to buy his influence.

The recordholder for exploitation is Gerald Ford, who earns near \$1 million annually serving on eight corporate boards, as consultant to several others and from speaking engagements.

Memoirs of a former president are worth an easy million. Nixon, Ford and Carter all made at least that much from books and television interviews.

Among these unofficial benefits is membership in the most elite social circles of world history — probably the most ego-satisfying part of the package.

Former presidents receive a base pension of \$80,000 a year and additional amounts for those who served in the military and Congress. Ford receives \$106,000 annually; not bad for 27 months in the White House.

Ex-presidents also receive an allowance of \$250,000 a year to support a personal staff. Ford has seven aides and three domestic

Games marred by conflicts

Professionalism unavoidable

The Olympic Games are a few days away, but are still marred by boycotts, political jockeying, the threat of political violence and the never-ending problem of trying to keep the Olympics an extravaganza for amateur athletes.

While the issue of professionalism has been beaten to death recently, a little touch of professionalism is going to make American teams in these Games more competitive.

Since the Americans have not been to the Summer Olympics in eight years, it's too bad that a lot of the competition is staying home, because the United States has made great strides lately in upgrading its degree of competitiveness.

While track and field events have gotten so big that they are almost professional now, the team sports like basketball, baseball and volleyball have athletes who are still amateurs, but prepared to tackle the Soviets and the other major sports powers.

The basketball squad is green with the lack of

practice, but it is made up of the best truly amateur basketball players in the country, who have been lucky enough to have training facilities, a few months together, and some good competition in the NBA stars.

Volleyball is the one sport that the Americans will really make some noise in over the next few weeks. With the Games in Southern California — sort of the home of volleyball — the American teams should get a little more attention than they would have in other Olympics. Even then, however, the United States has never won a medal of any kind in this American game and are sure bets to make history by changing that before August is out.

What we're up against is a country where 300,000 kids under the age of 16 are playing volleyball under full-time paid coaches," said Bill Neville, assistant coach for the U.S. men's Olympic volleyball team, before the Soviets backed out of

the Games. "But we think our best 12 are as good as their best 12."

The only reason Neville can say that is because of the full-time training center that has helped our volleyball team come up to the standards of the Soviets (almost). The program gives the spikers a chance to practice four hours a day and work in career-oriented jobs for the other half of the day. Businesses pay the athletes full-time wages.

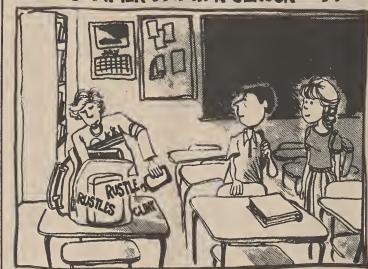
The U.S. men's Olympic volleyball team has been operating in this way for about five years and in a short time has closed the gap on the rest of the world in a sport that the Americans have never been good at internationally. It's still not a professional sport, but if we're going to be competitive, we've got to bring some professionalism into the Olympics.

And Los Angeles would have been a good chance to see how much we've closed the gap.

— Les Carroll

Be cool, join the 'un-tan' generation

ONE SUMMER DAY IN A CLASSROOM ON CAMPUS.....



I'm a social outcast. No, I don't have body odor or bad breath. No, I don't support Alvin the Chipmunk for president or wear my Mickey Mouse watch on Sunday.

I have no obvious deviations from the social norm, except one — I don't have a tan.

And, at "The Browner The Better" University, that fits the requirements for a social derelict. I own a tanning lot in my German ancestral, from whom I inherited this lily-white skin. No doubt, 200 years ago, my great-great-grandmother was applauded for her delicate snowy skin. Boy, have times changed.

Now, the No. 1 summer sport has the awesome title of "laying out." Grammatically, it should be "lie out," but who's worried about English — a tan is a tan.

Laying out has become an art. My roommate, a professional lay-outer, knows all the secrets of the sun. She puts iodine in her baby oil, and lies on a plastic mattress in the pool. When someone talks to her, she may warn: "Please move, you're making a shadow on my right knee. I want an even tan."

Like my roommate, lots of chocolate-bronzed bodies parade around BYU. Sure, I'm jealous. It's not as though I haven't tried to get a tan.

Loading up with all the necessities — suntan lotion, sunglasses, towels, books (at least two, so I look busy), food, and food — I trot down to the pool. After slopping on the greasy oil, which promises an "exotic tropical tan," for a "tan-talizing" summer, I lie on the hard pool tile begging the sun rays to make me "elite."

After about five minutes, I've exhausted my pop, food, and daydreaming. What's more, it's HOT! Too hot for me... I'd rather watch M*A*S*H in the air-conditioned apartment.

If I stay out too long, then something else happens. The fry. It's a summer ritual for me. Burn and peel, burn and peel, burn and peel. I've often been told I was very a-peeling.

The "un-tans" come in two categories — those who cannot tan, and those who refuse to spend hours upon hours staring up at the sun with sweat beads sliding into their noses. It's a choice between brown skin and a 10-page research paper, surprisingly enough, some people may choose the latter.

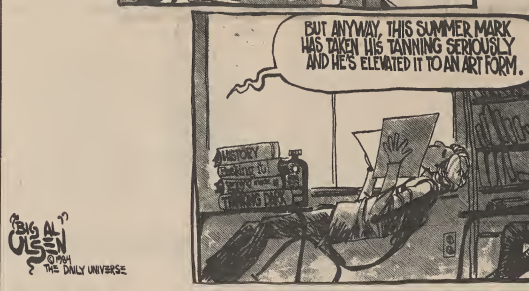
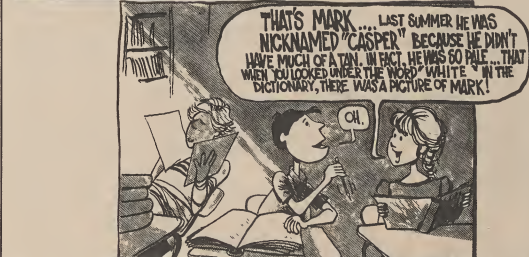
For a long time I felt inferior to those bronzed, glowing people who strolled around the pools. In combat, I hid behind jeans and long-sleeved shirts, and only swam after 10 p.m.

But, my fellow white Americans, why must we fear? Now is the time for us Un-tans to unite. White can be beautiful! There are probably millions of lily-white legs hiding behind those jeans. Go ahead! Show your white. Just ignore your roommate when she asks if you've dropped bleach on your legs and arms. And ignore your friend when he says he knows you've just repented because your legs are white as snow.

Just smile and say, "But in 25 years I'll still have skin as smooth as a baby's bottom (and just as white, too)."

Seven-Up has achieved fame with the un-cola identification. Well, that's just like us — we're the un-tans. We may be different, but we're still okay even if we don't need a "glow-in-the-dark" night lamp.

— Anne Thornton



LETTERS TO THE EDITOR

Never be elusive

Editor:

This is a reply to the man who wrote the letter to the editor concerning Mr. McKendrick's article on rape in marriage: We hope that Kirby Packham is not married and that anyone who considers marrying him will take "the responsibility of being more particular in choosing her spouse." If he is married, we exhort his wife never to be nine months pregnant and out of "the elusive mood." But if she ever is, we hope and pray for her sake that polygamy will be reinstated.

Denise Wilson
Provo
Jeff Johnson
Arcadia, Calif.

Editor's note:

The Universe welcomes responsible, mature and articulate reader viewpoints. Please limit letters to one page, typed, double-spaced entries. Please include your name, address and telephone number and hometown. Identification is required. Letters may be dropped off in person at 538 BLWC. The editor reserves the right to edit letters for clarity and length.

Mrs. Jeff Johnson
Provo
Christopher Visek
Provo
Rebecca Lynn Potts
Salt Lake City
Tom Wagner
Napa, Calif.
Debra Tokerevich
Chicago